Training Air Wing FOUR

Student Indoctrination

Safety Brief

Agenda

- Training Wing 4 Safety Staff
- CRM and ORM (Risk Assessment Review)
- TW-4 Aviation / Ground / Personal Safety
- CNATRA High Risk Recreational Activities
- Motorcycle Training / Documentation
- Safety Reporting / Feedback

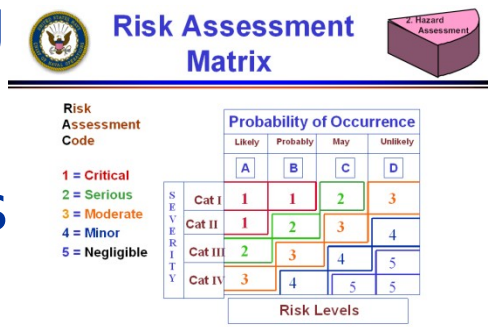
Training Air Wing FOUR
Safety Staff

- **LCDR Robert MacFadden TW-4 Safety Officer 961-3688 Room 111B (Call Sign Sunshine)**
- **CAPT Marla Wohlfeld TW-4 Aviation Safety Officer 961-3588 Room 111A (Call Sign Princess)**
- **CAPT Daryl Sabourin TW-4 Aviation Safety Officer 961-3588 Room 111A (Call Sign Radar)**
- **Mr. C. Rick Herrera TW-4 Ground Safety Officer 961-0117 Room 111A**

Risk Management

Goal: Reducing (eliminating) injuries to personnel and damage to equipment

- CRM
  - **D**ecision Making
  - **A**ssertiveness
  - **M**ission Analysis
  - **C**ommunication
  - **L**eadership
  - **A**daptability/Flexibility
  - **S**ituational Awareness



- ORM
  - **I**dentify Hazards
  - **A**ssess Hazards
  - **M**ake Risk Decisions
  - **I**mplement Control
  - **S**upervise

4 Principles:

1. Accept risk when benefits outweigh the cost
2. Accept no unnecessary risks
3. Anticipate and manage risk by planning
4. Make risk decisions at the right

CNATRA High Risk Recreational Activities

Governing Instruction

- CNATRAINST 3058.1 (25 May 2005)

Takeaway:

- "The purpose of this instruction is not to restrict the personal activities of military members but to ensure an appropriate level of ORM oversight and leadership involvement is provided to NATRACOM personnel involved in high-risk recreational activities."

CNATRA High Risk Recreational Activities

1. Skydiving _
2. Rock / Mountain climbing
3. Cliff diving
4. SCUBA diving
5. Hunting
6. Rodeo / Bull riding
7. Racing / All terrain motorized vehicles *
8. Bungee jumping
9. Civilian light aircraft /helo flying/soaring
10. Jet skiing /personal water craft *
11. Motorcycle riding* / Dirtbike
12. Parasailing*
13. Hot Air Balloon
14. Skiing/Snowmobiling
15. Whitewater rafting

* denotes injury or death of TW-4 personnel

3058.1 HIGH RISK ORM

ORM ASSESSMENT WORKSHEET

MISSION: HUNTING / SHOOTING

DATE WORKSHEET PREPARED: _____

APPROVAL / AUTHORITY: _____

PARTICIPANT(S):

APPROVED / DISAPPROVED

STEP 1. IDENTIFY HAZARDS			STEP 2: ASSESS HAZARDS	STEP 3: MAKE RISK DECISIONS		STEP 4: IMPLEMENT CONTROLS	STEP 5: SUPERVISE
OPERATION	HAZARD	CAUSES	INIT RAC	DEVELOP CONTROLS	RESID RAC	HOW TO IMPLEMENT	HOW TO SUPERVISE
LOADING / UNLOADING	JAMMING DISCHARGE INJURY	UNFAMILIAR	3	READ MANUALS / GUN CLASS TRNG	4	USE APPROVED EQUIP / APPLY LESSONS LEARNED	VERIFY EQUIP OPERATES CORR / EVALUATE COND
CARRYING	ACCIDENTAL DISCHARGE	LOADED CHAMBER	2	GUN HANDLING / ON SAFE LOADING CONSIDERATION GROUP CONTROLS	3	KEEP GUN POINTED DOWN / NO FINGER ON TRIGGER	VIGILANCE W/SELF & OTHERS. COMMUNICATE!
SHOOTING	INJURY	POOR AIM / CONCEALED	2	PLAN AREA TO SHOOT COORD W/SHOOTERS	3	HAVE CLEAR PATH FOR ALL SHOTS	UPDATE POSITION/ MOVEMENT OF ALL SHOOTERS
CLEANING	LOADED RNDS INJURIES FROM GUN	LACK OF CLEARING	3	READ MANUALS GUN CLASS TRNG	4	FOLLOW GUIDELINES EQUIP / USE VIGILANCE	VERIFY EQUIP OPERATION / EVALUATE
TRANSPORT	ACCIDENTAL DISCHARGE	LOADED CHAMBER	3	**FOLLOW RULES TO TRANSPORT / KEEP ITEMS SECURED FROM MOVEMENT**	4	KEEP AMMO SEP FROM GUN / LOAD AFTER ARRIVAL	CONSIDER OTHER TRAVELERS EQUIP TRAVEL REQTS
WILDLIFE	ATTACK / BITE	WOUNDED ANIMAL	3	AIM FOR EFFECT PLAN APPROACH	4	LOOK FOR BREATH ASSESS SHOT	NOTE ANY OTHER ANIMALS IN AREA

ACCEPT RISK: YES NO

COMM WITH HIGHER: YES NO

LESSONS LEARNED:

ENCLOSURE (2)

CNATRA 3058/1 (5-05)

CNATRA 3058/1 (5-05)

Motorcycle Safety

Any motorcycle riders?

SMART Trainer - Simulator

Idiot

Ground Safety Mishaps

- **"At Risk" Group = Students**
- **PMV Hazards**

Last PMV fatality: 18 Nov 08

- **USAF 1Lt (attached to TW-4) riding motorcycle died from injuries sustained while riding too fast on a curve – lost control / impacted trees**

Last PMV injury: 4 Apr 09

- **USN LT (VT-28) t-boned by vehicle while entering roadway – failure to yield – torn aorta**

Last PMV close call: 27 Oct 08

- **USN ENS (attached to TW-4) Rollover / No injury**
- **Fell asleep at the wheel and rolled 8 times into median**
- **Vehicle 'totaled' / but walked away**
- **Seatbelt saved his life**

Mishaps

In 2005 a Parasailing Class A Mishap Occurred

What we knew

- **Student Awaiting PCS**
- **Recreational Activities**

What we learned

- **Many Contributing Factors not just one, led to this Fatality**

Bluewave V200

Raven II G 9-cell chute

3/8 inch diamond braid poly rope

From OPNAVINST 3750.6R:

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Mishaps

Causal Factors

- **Marginal Aircraft**
- **Marginal Weather**
- **“Get Home-itis”**

Class A Flight Mishap
Oct 2009

Summary:
A T-34C crashed into the Gulf during a NATO Check .

Resulting:
2 fatalities (both IP’s)

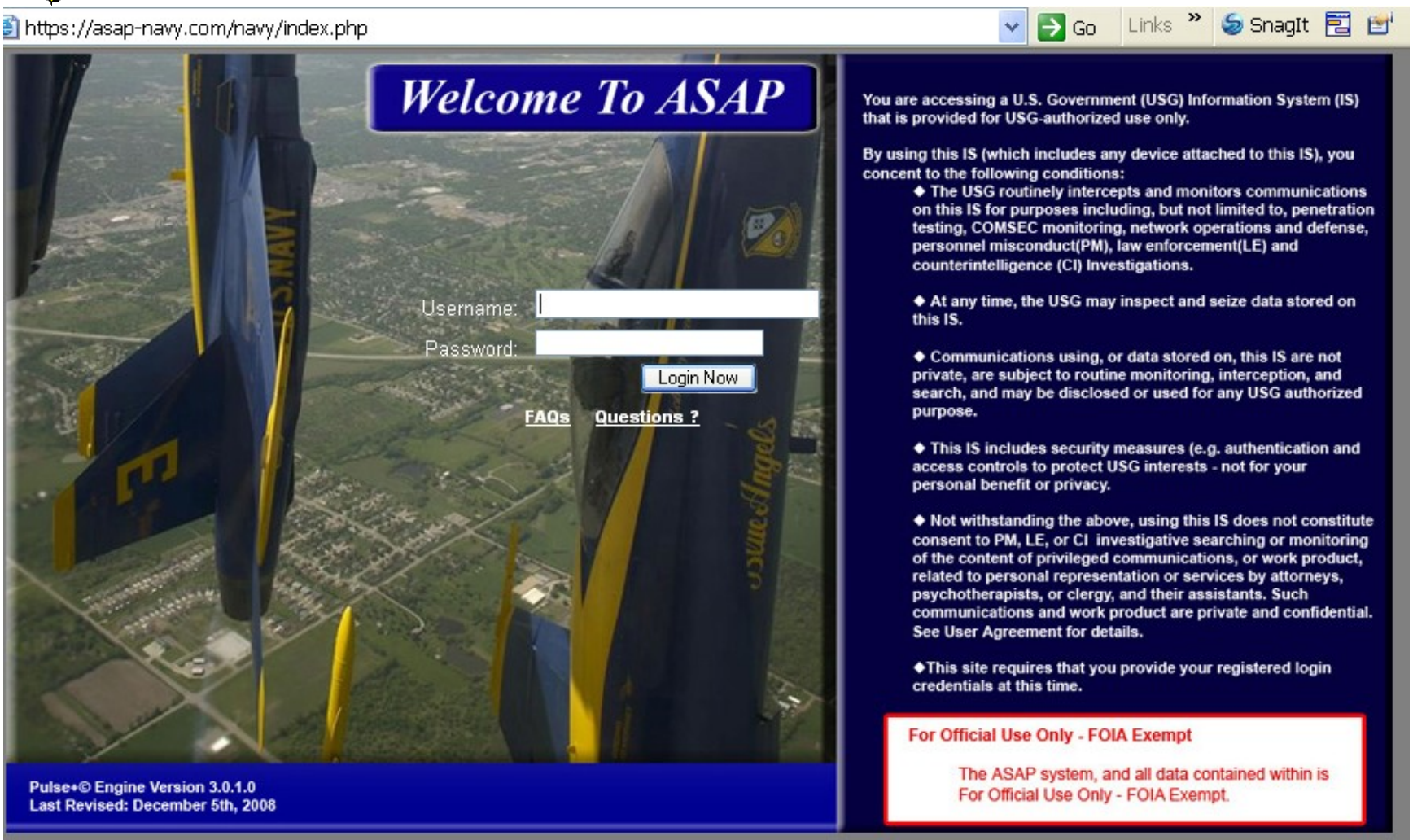
Safety Reporting Methods

- Student Critiques – Provide honest feedback on course
- Aviation Safety Awareness Program - Web Based, Human factors in flight reporting. Anonymous
- Anymouse Drop Box
- Aviation Safety Report “Greensheets”
- Safety Office – 361-961-0117 or 361-961- 3588
- 24-hour Wing Duty Office: 361- 961-2945
- On-Wing, Class Advisor, Flight Leader, Command Officer

Every squadron member has a responsibility

& duty to report hazards

Aviation Safety Awareness Program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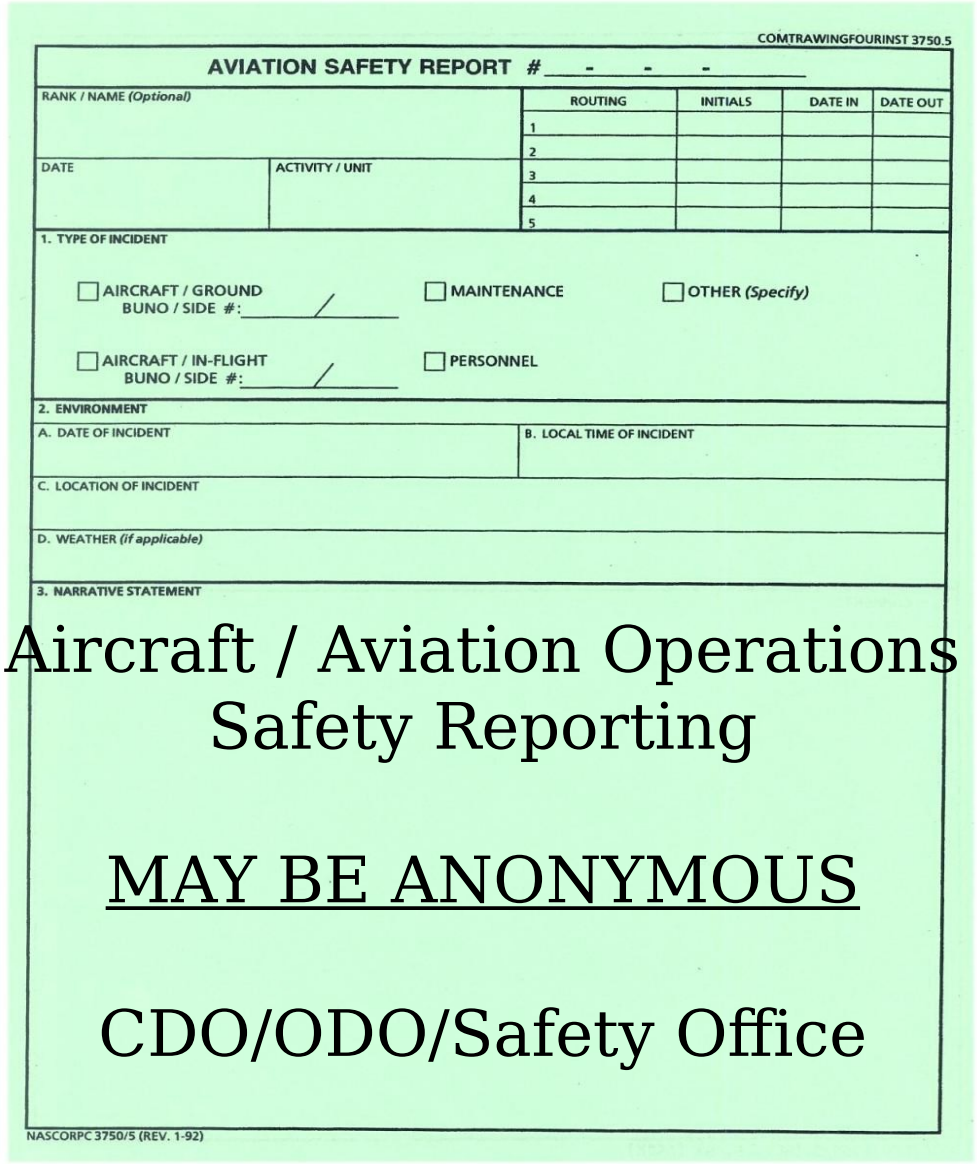
Greensheet



COMTRAWINGFOURINST 3750.5

AVIATION SAFETY REPORT #___ - ___ - ___

RANK / NAME *(Optional)*		ROUTING	INITIALS	DATE IN	DATE OUT
		1			
		2			
DATE	ACTIVITY / UNIT	3			
		4			
		5			

1. TYPE OF INCIDENT

☐ AIRCRAFT / GROUND — BUNO / SIDE #: ____ / ____ ☐ MAINTENANCE ☐ OTHER *(Specify)*

☐ AIRCRAFT / IN-FLIGHT — BUNO / SIDE #: ____ / ____ ☐ PERSONNEL

2. ENVIRONMENT

A. DATE OF INCIDENT	B. LOCAL TIME OF INCIDENT

C. LOCATION OF INCIDENT

D. WEATHER *(if applicable)*

3. NARRATIVE STATEMENT

NASCORPC 3750/5 (REV. 1-92)

Aircraft / Aviation Operations Safety Reporting

MAY BE ANONYMOUS

CDO/ODO/Safety Office

"Anymouse"

A means of anonymous reporting on any safety issu
within the command

Secure drop box
located upstairs
by student lounge

ANYMOUSE SHEETS
The "Anymouse" reporting system provides a path for the anonymous reporting of safety issues/concerns to the Commanding Officer via the Safety Office.
Just fill out a sheet and place it in the box. Thank you.
"ANYMOUSE"
SAFCO
submit an
ANYMOUSE
Month of Occurrence:
SUGGESTIONS

Personal Responsibility

"THINK ABOUT IT!"

- You must make the COMMITMENT
  - To always operate motor vehicles safely
  - To not hurt others, hurt yourself, or damage property
  - To NOT DRINK AND DRIVE !!
- Recreational/Off-Duty:
  - Think about the possible consequences of yo actions
  - Conduct yourself so that you don't get hurt can

    report for work healthy & in one piece.
- Bottomline
  - If you "see stupid – fix stupid"!! (Buddy Rule

Conclusion

AVIATION SAFETY:
Be assertive in communicating potential risk and do not let your IP's rank or experience intimidate or kill you

GROUND/RECREATIONAL SAFETY:
Put critical thought and your ability to assess hazards ahead of each activity

"SAFE MISSION ACCOMPLISHMENT / TAKE CARE OF EACH OTHER / REFLECT POSITIVELY ON THE ARMED FORCES OF THE UNITED STATES"

– CTW-4

Questions??

On behalf of Training Air Wing 4 we thank your for your